

DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES

Office of Structural Materials

Quality Assurance and Source Inspection



Bay Area Branch

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Contract #: 04-0120F4Cty: SF/ALA Rte: 80 PM: 13.2/13.9File #: 69.28**WELDING INSPECTION REPORT****Resident Engineer:**Pursell, Gary**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** WIR-001223**Date Inspected:** 19-Dec-2007**Project Name:** SAS Superstructure**OSM Arrival Time:** 1300**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 2330**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Location:** Shanghai, China

CWI Name:	N/A			CWI Present:	Yes	No	
Inspected CWI report:	Yes	No	N/A	Rod Oven in Use:	Yes	No	N/A
Electrode to specification:	Yes	No	N/A	Weld Procedures Followed:	Yes	No	N/A
Qualified Welders:	Yes	No	N/A	Verified Joint Fit-up:	Yes	No	N/A
Approved Drawings:	Yes	No	N/A	Approved WPS:	Yes	No	N/A
				Delayed / Cancelled:	Yes	No	N/A

Bridge No: 34-0006**Component:** 77, 89, 114 & OBG Mock-Up**Summary of Items Observed:**

This Quality Assurance Inspector oversaw Quality Assurance Inspectors Scott Croff and Joe Lanz performing fabrication inspection out on the shop floor today. Mr. Croff performed quality assurance final 10% visual and magnetic particle testing of the 77 Meter Mock-Up Diaphragm after it was returned from machining. Mr. Croff was inspecting the web to web and web to diaphragm welds which he was unable to complete. Mr. Croff did report finding numerous unacceptable visual and magnetic particle indications which were reported in his nightly report. Mr. Lanz was performing visual inspection on the floor beams and visual and magnetic particle testing on the bottom plates for the evening reporting that there were no issues.

Summary of Conversations:

No conversations held today.

Comments

This report is for the purpose of determining conformance with the contract documents and is not for the purpose of making repair or fit for purpose recommendations. Should you require recommendations concerning repairs or remedial efforts please contact Mazen Wahbeh, (818) 292-0659, who represents the Office of Structural Materials for your project.

Inspected By: Berger,Bruce

Quality Assurance Inspector

Reviewed By: Cochran,Jim

QA Reviewer